Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100719\
Data File : BM023035.D
Acq On : 07 Oct 2019 16:55
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
10/8/2019 3:15:41 PM

Quant Time: Oct 07 17:56:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 07 16:37:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	135791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	565440	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	339032	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	678839	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	707061	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	806799	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26764	8.52	ng/uL	0.00
5) Phenol-d5	6.95	99	222829	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	125169	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	184559	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	176414	17.96	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	85473	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	92158	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	183919	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	212074	18.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	496809	18.88	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	599488	19.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	92933	17.87	ng/ul	0.00
58) Fluorene-d10	15.40	176	432902	19.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	72825	16.48	ng/ul	0.00
71) Anthracene-d10	17.25	188	658758	19.87	ng/ul	0.00
79) Pyrene-d10	19.54	212	726201	19.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	809312	19.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	26006	8.373	ng/uL#	94
4) Benzaldehyde	6.92	77	81942	15.070	ng/ul	99
6) Phenol	6.97	94	233511	18.565	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	176955	18.602	ng/ul	98
10) 2-Chlorophenol	7.35	128	198243	19.128	ng/ul	99
11) 2-Methylphenol	8.22	108	176634	18.221	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.30	45	243783	19.382	ng/ul	99
14) Acetophenone	8.60	105	281879	18.771	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	139578	18.097	ng/ul	100
16) 4-Methylphenol	8.55	108	193763	18.077	ng/ul	97
17) Hexachloroethane	8.86	117	77289	19.624	ng/ul	97
20) Nitrobenzene	8.97	77	202584	19.887	ng/ul	100
21) Isophorone	9.50	82	379013	18.886	ng/ul	100
23) 2-Nitrophenol	9.68	139	106199	19.486	ng/ul	98
24) 2,4-Dimethylphenol	9.75	107	206235	19.435	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.98	93	242056	18.912	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	186609	19.432	ng/ul	98
28) Naphthalene	10.62	128	606795	19.871	ng/ul	100
30) 4-Chloroaniline	10.72	127	224767	18.515	ng/ul	99
31) Hexachlorobutadiene	10.91	225	115939	19.954	ng/ul	98
32) Caprolactam	11.51	113	51438m	16.544	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	183245	18.535	ng/ul	100
34) 2-Methylnaphthalene	12.23	142	438754	19.163	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	414788	18.969	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	226705	20.381	ng/ul	99
38) Hexachlorocyclopentadiene	12.59	237	112120	16.082	ng/ul	100
39) 2,4,6-Trichlorophenol	12.84	196	145217	19.684	ng/ul	99
40) 2,4,5-Trichlorophenol	12.92	196	158180	19.659	ng/ul	98
41) 1,1'-Biphenyl	13.24	154	559510	20.156	ng/ul	100
42) 2-Chloronaphthalene	13.29	162	430929	20.305	ng/ul	100
43) 2-Nitroaniline	13.49	65	107236	19.484	ng/ul	98
45) Dimethylphthalate	13.87	163	514287	19.027	ng/ul	100
46) 2,6-Dinitrotoluene	13.99	165	99778	18.513	ng/ul	98
48) Acenaphthylene	14.13	152	652505	19.896	ng/ul	100
49) 3-Nitroaniline	14.32	138	94138	18.007	ng/ul	98
50) Acenaphthene	14.48	153	450431	19.716	ng/ul	100
51) 2,4-Dinitrophenol	14.52	184	50476	14.675	ng/ul	98
53) 4-Nitrophenol	14.62	109	70667	18.599	ng/ul	99
54) Dibenzofuran	14.82	168	638331	19.563	ng/ul	99
55) 2,4-Dinitrotoluene	14.77	165	146957	18.481	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.04	232	135297	19.112	ng/ul	97
57) Diethylphthalate	15.24	149	507566	18.704	ng/ul	99
59) Fluorene	15.46	166	511577	19.402	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	257289	19.250	ng/ul	98
61) 4-Nitroaniline	15.47	138	104447	17.686	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.54	198	82874	16.775	ng/ul#	99
65) N-Nitrosodiphenylamine	15.67	169	446716	20.021	ng/ul	100
66) 4-Bromophenyl-phenylether	16.35	248	162751	19.874	ng/ul	99
67) Hexachlorobenzene	16.47	284	185096	20.272	ng/ul	96
68) Atrazine	16.62	200	152955	18.750	ng/ul	97
69) Pentachlorophenol	16.81	266	110201	18.604	ng/ul	98
70) Phenanthrene	17.20	178	803524	19.833	ng/ul	100
72) Anthracene	17.29	178	827745	20.051	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	223305	21.079	ng/uL	99
74) Pentachlorobenzene	14.73	250	217776	20.594	ng/uL	99
75) Carbazole	17.55	167	745251	20.312	ng/ul	99
76) Di-n-butylphthalate	18.12	149	848966	19.626	ng/ul	100
77) Fluoranthene	19.21	202	943624	20.709	ng/ul	98
80) Pyrene	19.57	202	970763	19.368	ng/ul	98
81) Butylbenzylphthalate	20.48	149	394785	19.152	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.26	252	310584	19.283	ng/ul	100
83) Benzo(a)anthracene	21.32	228	1006733	19.832	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	581402	19.851	ng/ul	100
85) Chrysene	21.37	228	933439	19.944	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	967283	17.629	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	991414	18.517	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	991944	19.365	ng/ul	100
91) Benzo(a)pyrene	23.49	252	976432	19.439	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.87	276	1161053	21.762	ng/ul	100
93) Dibenzo(a,h)anthracene	25.89	278	978406	21.921	ng/ul	99
94) Benzo(g,h,i)perylene	26.57	276	973555	22.617	ng/ul	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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